an outer flange having a surface for adhesively bonding an abrasive flap wheel onto said backing plate, said outer flange being formed integrally with said hub.

Enter new claims 9-12 as follows:

9. (New) An abrasive flap wheel comprising:

a backing plate comprising an inner part formed with a hub having a location hole provided with an internal thread for engaging a threaded shaft of a driving machine, an outer flange having a front side for bonding an adhesive flap wheel to said backing plate, said outer flange being formed integrally with said backing plate, and a rear side formed with an annular recess surrounding said location hole, and

a driver plate having an annular step profiled to fit in said annular recess in order to ensure reliable centering of said abrasive flap wheel on said shaft.

10. (New) An abrasive flap wheel as in claim 9 further comprising an abrasive flap bonded to said front side of said outer flange.

11. (New) An abrasive flap wheel as in claim 9 wherein said inner part comprises a sunken surface between said hub and said outer flange, said sunken surface lying a distance below said surface of said outer flange, said hub extending above said sunken surface essentially by said distance.

12. (New) An abrasive flap wheel as in claim 9 wherein said location hole has a length, said internal thread extending over said entire length.